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04 FEB 2005

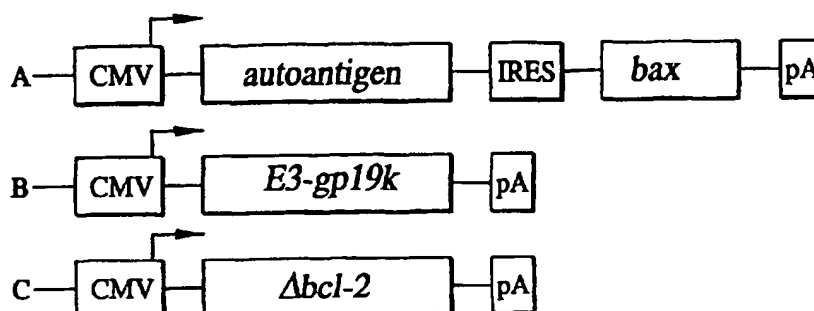
(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/034966 A2

- (51) International Patent Classification⁷: **A61K**
- (21) International Application Number:
PCT/US2003/024625
- (22) International Filing Date: 6 August 2003 (06.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/401,652 6 August 2002 (06.08.2002) US
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- (81) Designated States (national): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PI, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KH, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SUBSTANCES FOR PREVENTING AND TREATING AUTOIMMUNE DISEASES



(57) Abstract: A substance for preventing, delaying the onset of, or treating one or more than one autoimmune disease, the substance comprising a polynucleotide construct comprising a polynucleotide sequence encoding the pro-apoptotic protein BAX and encoding one or more than one autoantigen for the autoimmune disease. A method for preventing, delaying the onset of or treating an autoimmune disease in a patient comprising selecting a patient who is susceptible to developing the autoimmune disease, who is developing the autoimmune disease or who has the autoimmune disease and administering to the patient one or more than one dose of a polynucleotide construct comprising a polynucleotide sequence encoding the pro-apoptotic protein BAX and encoding one or more than one autoantigen for an autoimmune disease, or comprising a polynucleotide sequence encoding the adenoviral protein E3-GP19k, or comprising a polynucleotide sequence encoding ΔBCL-2.

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